

APPENDIX: SUPPLEMENTAL TABLES

The table numbers in this appendix are correlated with figure numbers throughout the document.

Cancer in Rhode Island: Cancer Trends

Table 5-1. Cancer incidence by year and sex for all cancers combined															
<i>Annual invasive* cancer incidence rates** for all cancers combined, RI and US, 1973-2000.</i>															
<i>Male</i>															
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
RI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	566.4
US	448.5	457.9	466.4	480.9	486.3	488.3	496.2	505.4	510.6	510.7	519.6	525.1	530.7	537.9	562.8
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
RI	559.7	535.0	561.3	596.3	614.1	625.5	609.5	616.9	636.9	634.0	623.8	631.5	645.8	633.7	
US	557.9	566.5	592.0	636.5	656.8	620.6	587.9	568.7	568.2	570.5	566.0	569.1	560.2	-	
<i>Female</i>															
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
RI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	407.1
US	349.5	370.5	365.8	367.2	363.4	362.1	365.3	367.6	376.8	375.9	380.4	392.0	402.8	402.0	413.2
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
RI	419.8	411.3	413.4	425.6	433.8	432.6	442.0	446.3	450.6	458.5	446.5	470.3	454.2	428.6	
US	410.9	410.4	417.2	420.4	417.1	410.2	415.2	416.1	418.7	428.3	432.5	426.3	413.8	-	
* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.															
** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.															
Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with <i>SEER*Stat</i> .															

Table 5-2. Cancer mortality by year and sex for all cancers combined																
Annual cancer mortality rates* for all cancers combined, RI and US, 1969-2000.																
Male																
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
RI	288.6	303.1	286.3	280.1	287.6	283.5	294.5	315.3	319.9	307.4	298.1	286.1	297.9	304	308.2	303.3
US	247.6	249.3	251.7	255.4	255.0	257.9	258.4	262.2	264.2	267.1	268.7	271.1	269.8	272.9	274.1	275.1
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
RI	295.4	296.6	283.0	299.6	311.3	295.6	290.3	292.6	274.8	284.8	285.2	284.0	274.5	281.5	260.7	255.6
US	275.7	276.0	276.3	276.9	278.5	279.8	279.1	276.5	275.9	272.1	268.5	263.7	258.1	253.6	252.8	249.8
Female																
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
RI	172.0	173.2	174.1	182.1	173.1	165.6	173.5	181.1	189.9	181.0	175.7	177.3	172.5	175.9	180.0	185.9
US	163.2	163.0	162.2	162.7	160.8	161.1	160	162.7	162.9	163.8	163.1	165.8	165.9	167.4	168.3	170.5
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
RI	184.9	182.5	177.5	186.1	179.4	183.9	177.5	187.0	180.0	176.5	182.7	183.5	181.5	173.7	181.2	177.4
US	171.0	171.6	171.5	172.5	174.3	174.6	175.3	174.4	174.5	174.1	173.4	171.2	169.0	166.9	167.2	167.3
*	Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.															
Source:	Office of Vital Records, HEALTH; SEER US Mortality 1969-2000 Data; calculated with SEER*Stat .															

Cancer in Rhode Island: Cancer Disparities

Table 5-3. Cancer incidence by sex for all cancers combined		
<i>Cancer incidence rates* by sex for all cancers combined, RI and US, 1996-2000.</i>		
Sex	RI	US
Male	627.0	566.7
Female	452.2	423.9
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population. Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.		

Table 5-4. Cancer mortality by sex for all cancers combined		
<i>Cancer mortality rates* by sex for all cancers combined, RI and US, 1996-2000.</i>		
Sex	RI	US
Male	270.7	255.5
Female	179.0	168.3
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population. Source: Office of Vital Records, HEALTH; SEER US Mortality 1969-2000 Data; calculated with SEER*Stat.		

Table 5-5. Cancer incidence by age and sex for all cancers combined																			
<i>Invasive* cancer incidence rates** by age and sex for all cancers combined, RI and US, 1996-2000.</i>																			
	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	
<i>Male</i>																			
RI	21.1	9.4	20.2	16.1	34.5	42.9	78.3	97.4	173.9	323.9	623.0	1067.6	1905.9	2636.3	3328.2	3596.2	3523.1	3727.2	
US	21.5	12.2	13.0	21.0	34.4	49.6	70.5	100.7	159.2	285.0	547.0	993.4	1630.5	2392.4	3046.7	3355.4	3495.3	3441.4	
<i>Female</i>																			
RI	24.2	18.8	13.3	19.8	37.4	51.8	110.6	201.4	338.0	527.5	750.9	994.2	1415.0	1586.5	1910.4	2116.9	2160.2	2140.0	
US	19.8	9.8	12.2	22.0	42.7	69.5	113.3	188.1	321.1	501.4	708.5	960.6	1225.3	1544.9	1843.0	2040.8	2138.5	1996.7	
* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown. ** Rates are age-specific, expressed as cases per 100,000 population. Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.																			

Table 5-6. Cancer mortality by age and sex for all cancers combined																			
<i>Cancer mortality rates* by age and sex for all cancers combined, RI and US, 1996-2000.</i>																			
	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	
<i>Male</i>																			
RI	1.8	4.4	3.5	3.3	5.8	8.8	11.9	27.8	42.3	94.4	184.9	304.0	570.8	876.5	1328.0	1718.8	2220.3	3170.5	
US	2.7	2.7	2.8	4.2	6.1	7.8	12.5	22.4	46.3	95.1	180.8	334.0	561.1	863.5	1232.9	1601.3	2069.3	2716.5	
<i>Female</i>																			
RI	1.3	2.9	4.3	2.3	5.8	7.5	14.9	35.0	49.1	102.8	176.1	287.4	453.3	608.8	794.8	1022.4	1205.8	1593.3	
US	2.4	2.3	2.3	3.0	4.3	7.4	14.6	29.2	54.8	96.0	164.9	267.2	408.1	572.5	773.8	956.6	1163.9	1423.9	
* Rates are age-specific, expressed as deaths per 100,000 population. Source: SEER US Mortality 1969-2000 Data; SEER web query system.																			

Table 5-7. Cancer incidence by race and sex for all cancers combined				
<i>Cancer incidence rates* by race and sex for all cancers combined, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	631.5	659.1	483.4	438.6
US	604.1	731.9	501.5	460.1
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.				
Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with <i>SEER*Stat</i> .				

Table 5-8. Cancer mortality by race and sex for all cancers combined				
<i>Cancer mortality rates* by race and sex for all cancers combined, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	285.8	380.3	183.7	234.3
US	261.0	376.3	170.2	201.8
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.				
Source: Office of Vital Records, HEALTH; SEER US Mortality 1969-2000 Data; calculated with <i>SEER*Stat</i> .				

Breast Cancer

Table 6-1. Female breast cancer incidence by year											
<i>Average annual invasive* breast cancer incidence rates** among females, RI and US, 1987-2001***.</i>											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
RI	132.6	131.5	130.1	128.8	129.9	130.6	130.8	131.2	131.5	131.1	131.2
US	131.5	131.1	130.7	131.4	131.6	131.6	132.7	135.0	136.6	137.1*	NA
* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.											
** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.											
*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).											
Source: RICR, HEALTH – calculated with <i>SEER*Stat</i> ; SEER Cancer Statistics Review, 1973-1999; 1998 US data is from SEER Public-Use 1973-2000 Data – calculated with <i>SEER*Stat</i> .											

Table 6-2. Female breast cancer mortality by year										
<i>Average annual breast cancer mortality rates* among females, RI and US, 1987-2000**</i>										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
RI	37.2	37.9	36.5	35.6	35.2	34.2	32.2	32.2	31.1	29.2
US	33.0	32.9	32.5	32.1	31.6	31.0	30.4	29.6	28.8	27.7*
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.										
** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).										
Source: CDC WONDER, CDC; 1998 US data is from SEER US Mortality 1969-2000 Data – calculated with <i>SEER*Stat</i> .										

Table 6-3. Female breast cancer incidence by race		
<i>Average annual invasive breast cancer incidence rates* by race among females, RI and US, 1987-2000.</i>		
	White	Black
RI	156.3	129.0
US	162.9	139.9
<p>* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.</p> <p>Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.</p>		

Table 6-4. Female breast cancer mortality by race		
<i>Average annual breast cancer mortality rates* by race among females, RI and US, 1987-2000.</i>		
	White	Black
RI	34.1	40.5
US	30.1	36.9
<p>* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.</p> <p>Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.</p>		

Table 6-6. Female breast cancer screening by year												
<i>Percent of female respondents, age 40 and older, who report that they have had a mammogram within the past two years, RI and US, 1990-2001.</i>												
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
RI	71	71	66	73	NA	72	76	81	80	83	84	85
US	58	62	63	66	67	69	69	70	72	73	76	NA
Source: RI-BRFSS, HEALTH; BRFSS, CDC.												

Table 6-7. Female breast cancer cases in ACOS programs by year											
<i>Percent of breast cancer cases that were or are treated in ACOS-approved cancer treatment programs by year among females, RI, 1989-2000.</i>											
1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
52	53	55	70	70	70	69	69	66	81	81	89
Source: RICR, HEALTH.											

Table 6-8. Female breast cancer cases with AJCC staging by year											
<i>Percent of breast cancer cases staged with AJCC staging methodology by year among females, RI, 1989-2000.</i>											
1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
73	74	71	75	90	93	93	94	92	92	92	95
Source: RICR, HEALTH.											

Table 6-9. Female breast cancer survival rates by race and stage					
Five-year relative invasive breast cancer survival rate*s by race and stage of disease at diagnosis among females, US, 1992-1999.					
	In situ**	Localized	Regional	Distant	Unstaged
White	100.0	97.6	80.3	24.6	56.3
Black	100.0	89.7	66.0	15.2	52.0
* Survival rates are relative rates expressed as percents.					
** In situ cases are not considered invasive.					
Source: SEER Cancer Statistics Review, 1975-2000.					

Cervical Cancer

Table 7-1. Cervical cancer incidence by year											
Average annual invasive* cervical cancer incidence rates** among females, RI and US, 1987-2001***.											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
RI	10.0	10.8	11.0	11.2	11.6	11.8	11.4	10.7	10.4	9.7	8.8
US	10.4	10.4	10.2	10.0	9.6	9.5	9.4	9.3	9.0	8.7*	NA
* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.											
** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.											
*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).											
Source: RICR, HEALTH – calculated with SEER*Stat; SEER Cancer Statistics Review, 1973-1999;											
1998 US data is from SEER Public-Use 1973-2000 Data – calculated with SEER*Stat.											

Table 7-2. Cervical cancer mortality by year											
Average annual cervical cancer mortality rates* among females, RI and US, 1987-2000**.											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1998
RI	2.6	2.8	3.0	3.0	2.8	3.3	3.2	2.9	2.9	2.8	2.8
US	3.6	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.1	3.0*	3.0*
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.											
** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).											
Source: CDC WONDER, CDC;											
1998 US data is from SEER US Mortality 1969-2000 Data – calculated with SEER*Stat.											

Table 7-3. Cervical cancer incidence by race		
Average annual invasive cervical cancer incidence rates* by race among females, RI and US, 1987-2000.		
	White	Black
RI	10.2	18.1
US	8.0	12.7
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.		
Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.		

Table 7-4. Cervical cancer mortality by race	
<i>Average annual cervical cancer mortality rates* by race among females, RI and US, 1987-2000.</i>	
	White Black
RI	2.9 6.4
US	2.9 7.0
<p>* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.</p> <p>Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.</p>	

Table 7-5. Cervical cancer screening by year										
<i>Percent of female respondents, with uterine cervix, age 18 and older, who report that they have had a pap smear within the last three years, RI and US, 1992-2001.</i>										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
RI	80.0	83.9	NA	82.9	82.9	87.4	85.2	86.0	88.5	88.2
US	84.1	84.7	85.4	84.5	84.6	84.6	84.8	85.5	86.8	NA
Source: RI-BRFSS, HEALTH; BRFSS, CDC.										

Table 7-6. Cervical cancer cases in ACOS programs by year											
<i>Percent of cervical cancer cases that were or are treated in ACOS-approved cancer treatment programs by year among females, RI, 1989-2000.</i>											
1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
45	33	35	39	44	41	36	41	32	91	98	97
Source: RICR, HEALTH.											

Table 7-7. Cervical cancer cases with AJCC staging by year											
<i>Percent of cervical cancer cases staged with AJCC staging methodology by year among females, RI, 1989-2000.</i>											
1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
72	77	81	73	84	97	90	93	94	87	92	87
Source: RICR, HEALTH.											

Table 7-8. Cervical cancer survival rates by race and stage				
<i>Five-year relative invasive cervical cancer survival rates by race and stage of disease at diagnosis among females, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	92.6	51.8	17.5	59.0
Black	87.2	41.4	11.6	50.9
<p>* Survival rates are relative rates expressed as percents.</p> <p>Source: SEER Cancer Statistics Review, 1975-2000.</p>				

Colorectal Cancer

Tables 8-1 and 8-2. Colorectal cancer incidence by year and sex											
Average annual invasive* colorectal cancer incidence rates** by sex, RI and US, 1987-2001***.											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Male</i>											
RI	94.1	91.0	85.8	84.4	80.9	78.3	77.8	77.5	75.7	75.9	76.4
US	75.0	73.6	72.2	70.4	68.2	66.6	66.1	65.6	65.1	65.4*	NA
<i>Female</i>											
RI	58.9	57.6	59.0	57.9	54.8	54.5	56.5	55.3	56.6	56.2	55.4
US	51.7	51.0	50.3	49.4	48.5	47.8	47.6	47.7	47.6	47.4*	NA
<p>* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.</p> <p>** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.</p> <p>*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).</p> <p>Source: RICR, HEALTH – calculated with <i>SEER*Stat</i>; SEER Cancer Statistics Review, 1973-1999; 1998 US data is from SEER Public-Use 1973-2000 Data – calculated with <i>SEER*Stat</i>.</p>											

Tables 8-3 and 8-4. Colorectal cancer mortality by year and sex											
Average annual colorectal cancer mortality rates* by sex, RI and US, 1987-2000***.											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	
<i>Male</i>											
RI	37.0	36.9	34.5	34.1	32.7	33.1	31.4	31.9	30.2	28.9	
US	30.3	29.9	29.4	29.0	28.4	27.9	27.3	26.7	26.1	25.8*	
<i>Female</i>											
RI	22.7	22.7	22.2	21.0	20.7	20.6	20.2	19.5	20.2	20.1	
US	20.9	20.5	20.3	20.0	19.7	19.4	19.1	18.8	18.5	18.0*	
<p>* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.</p> <p>** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).</p> <p>Source: CDC WONDER, CDC; 1998 US data is from SEER US Mortality 1969-2000 Data – calculated with <i>SEER*Stat</i>.</p>											

Table 8-5. Colorectal cancer incidence by race and sex				
Average annual invasive colorectal cancer incidence rates* by race and sex, RI and US, 1987-2000.				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	90.9	73.9	61.3	60.7
US	73.8	79.1	51.5	59.9
<p>* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.</p> <p>Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with <i>SEER*Stat</i>.</p>				

Table 8-6. Colorectal cancer mortality by race and sex				
<i>Average annual colorectal cancer mortality rates* by race and sex, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	34.0	26.9	21.8	29.0
US	27.8	35.4	19.0	25.4
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.				
Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.				

Tables 8-9 and 8-10. Colorectal cancer screening by year and sex					
<i>Percent of respondents 40 and older who have ever been screened for colorectal cancer (proctoscopic exam, sigmoidoscopy, or colonoscopy), by sex, RI and US, 1995-1999.</i>					
	1995	1996	1997	1998	1999
<i>Male</i>					
RI	32.0	NA	38.2	NA	37.4
US	32.1	NA	34.6	NA	33.9
<i>Female</i>					
RI	25.6	NA	31.6	NA	37.2
US	27.1	NA	30.4	NA	32.6
Source: RI-BRFSS, HEALTH; BRFSS, CDC.					

Table 8-11. Colorectal cancer cases in ACOS programs by year and sex												
<i>Percent of colorectal cancer cases that were or are treated in ACOS-approved cancer treatment programs by year and sex, RI, 1989-2000.</i>												
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	49	49	51	69	73	70	72	75	71	75	67	82
Female	53	47	50	69	69	67	70	71	70	72	70	83
Source: RICR, HEALTH.												

Table 8-12. Colorectal cancer cases with AJCC staging by year and sex												
<i>Percent of colorectal cancer cases staged with AJCC staging methodology by year and sex, RI, 1989-2000.</i>												
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	65	64	68	68	89	92	92	92	91	95	90	92
Female	65	59	62	68	87	90	96	90	90	90	92	90
Source: RICR, HEALTH.												

Table 8-13. Male colorectal cancer survival rates by race and stage				
<i>Five-year relative invasive colorectal cancer survival rates by stage of disease at diagnosis among males, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	91.1	65.7	9.0	39.7
Black	83.0	59.1	7.3	42.8
* Survival rates are relative rates expressed as percents.				
Source: SEER Cancer Statistics Review, 1975-2000.				

Table 8-14. Female colorectal cancer survival rates by race and stage				
<i>Five-year relative invasive colorectal cancer survival rates by race and stage of disease at diagnosis among females, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	90.0	66.9	9.6	31.6
Black	83.8	58.1	9.0	28.6
* Survival rates are relative rates expressed as percents.				
Source: SEER Cancer Statistics Review, 1975-2000.				

Lung Cancer

Tables 9-1 and 9-2. Lung cancer incidence by year and sex											
<i>Average annual invasive* lung cancer incidence rates** by sex, RI and US, 1987-2001***.</i>											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Male</i>											
RI	105.1	106.2	107.3	106.4	106.6	110.7	109.2	107.6	106.8	104.6	102.3
US	98.7	97.9	96.9	95.4	93.8	91.8	89.4	88.0	86.0	85.0*	NA
<i>Female</i>											
RI	46.3	49.6	50.2	52.4	54.4	57.0	57.9	60.6	61.9	62.5	61.3
US	46.8	48.0	48.5	49.4	49.9	50.3	50.8	51.4	51.4	51.6*	NA
* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.											
** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.											
*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).											
Source: RICR, HEALTH – calculated with SEER*Stat; SEER Cancer Statistics Review, 1973-1999;											
1998 US data is from SEER Public-Use 1973-2000 Data – calculated with SEER*Stat.											

Tables 9-3 and 9-4. Lung cancer mortality by year and sex										
<i>Average annual lung cancer mortality rates* by sex, RI and US, 1987-2000**</i>										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Male</i>										
RI	91.9	92.0	92.7	91.6	92.3	91.5	91.3	90.7	89.5	85.9
US	90.2	89.8	89.4	88.7	87.4	85.9	84.6	83.0	81.2	79.5*
<i>Female</i>										
RI	35.5	37.0	38.3	38.9	40.7	43.3	44.9	44.9	46.2	45.0
US	35.6	36.8	37.9	38.7	39.4	40.0	40.5	40.9	41.1	40.7*
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.										
** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).										
Source: CDC WONDER, CDC;										
1998 US data is from SEER US Mortality 1969-2000 Data – calculated with SEER*Stat.										

Table 9-5. Lung cancer incidence by race and sex				
<i>Average annual invasive lung cancer incidence rates* by race and sex, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	108.1	127.1	56.1	59.2
US	90.6	134.2	51.0	53.3
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population. Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with <i>SEER*Stat</i> .				

Table 9-6. Lung cancer mortality by race and sex				
<i>Average annual lung cancer mortality rates* by race and sex, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	90.3	117.7	41.5	52.5
US	83.2	115.8	39.2	37.9
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population. Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with <i>SEER*Stat</i> .				

Tables 9-9 and 9-10. Current smokers by year and sex												
<i>Percent of respondents 18 and older who have ever smoked 100 cigarettes in their lifetime and reported smoking every day or some days, by year and sex, RI and US, 1990-2001.</i>												
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<i>Male</i>												
RI	27.3	24.9	24.2	25.9	NA	24.0	25.6	25.5	24.0	23.1	23.8	25.8
US	24.9	25.1	24.2	24.0	23.9	24.8	25.5	25.4	25.3	24.2	24.4	25.4
<i>Female</i>												
RI	24.0	25.1	20.4	21.1	NA	25.4	19.7	23.2	21.3	21.5	23.0	22.1
US	21.3	21.3	21.0	21.1	21.6	20.9	21.9	21.1	20.9	20.8	21.2	21.2
Source: RI-BRFSS, HEALTH; BRFSS, CDC.												

Table 9-11. Lung cancer cases in ACOS programs by year and sex												
<i>Percent of lung cancer cases that were or are treated in ACOS-approved cancer treatment programs by year and sex, RI, 1989-2000.</i>												
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	64	64	60	75	78	77	80	76	77	77	80	88
Female	53	58	56	79	78	78	77	80	78	79	82	91
Source: RICR, HEALTH.												

Table 9-12. Lung cancer cases with AJCC staging by year and sex												
<i>Percent of lung cancer cases staged with AJCC staging methodology by year and sex, RI, 1989-2000.</i>												
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	71	72	69	71	77	81	87	81	82	88	87	93
Female	65	68	72	77	76	76	81	82	82	85	88	91
Source: RICR, HEALTH.												

Table 9-13. Male lung cancer survival rates by race and stage				
<i>Invasive lung cancer five-year relative survival rates by stage of disease at diagnosis among males, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	45.0	15.2	1.8	7.3
Black	40.0	12.7	1.6	9.7
* Survival rates are relative rates expressed as percents.				
Source: SEER Cancer Statistics Review, 1975-2000.				

Table 9-14. Female lung cancer survival rates by race and stage				
<i>Five-year relative invasive lung cancer survival rates by race and stage of disease at diagnosis among females, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	53.6	17.7	2.2	9.4
Black	47.7	15.0	2.4	8.7
* Survival rates are relative rates expressed as percents.				
Source: SEER Cancer Statistics Review, 1975-2000.				

Melanoma of Skin

Tables 10-1 and 10-2. Melanoma of skin incidence by year and sex											
<i>Average annual invasive* melanoma of skin incidence rates** by year and sex, RI and US, 1987-2001***.</i>											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Male</i>											
RI	15.4	16.3	17.4	17.2	18.5	19.9	19.6	20.5	22.4	22.7	23.8
US	21.9	23.0	24.1	25.4	26.8	28.4	29.8	31.7	33.1	34.5	NA
<i>Female</i>											
RI	8.9	10.4	10.4	11.4	12.6	12.9	12.7	12.9	12.9	13.1	13.8
US	15.7	16.1	16.5	17.1	17.9	18.7	19.7	20.9	21.9	22.6	NA
* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.											
** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.											
*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).											
Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.											

Tables 10-3 and 10-4. Melanoma of skin mortality by year and sex										
<i>Average annual melanoma of skin mortality rates* by year and sex, RI and US, 1987-2000**.</i>										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Male										
RI	4.0	4.0	4.0	3.6	3.6	3.4	3.4	3.3	3.6	3.3
US	3.8	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.0	3.9
Female										
RI	1.5	1.7	1.9	1.7	1.6	1.7	2.0	2.0	2.2	2.5
US	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.										
** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).										
Source: Office of Vital Records, HEALTH; SEER US Mortality 1969-2000 Data; calculated with SEER*Stat.										

Table 10-5. Melanoma of skin incidence by race and sex				
<i>Average annual invasive melanoma of skin incidence rates* by race and sex, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	25.7	0.3	16.6	0.5
US	32.6	1.8	22.2	1.3
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.				
Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.				

Table 10-6. Melanoma of skin mortality by race and sex				
<i>Average annual melanoma of skin mortality rates* by race and sex, RI and US, 1987-2000.</i>				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	3.8	1.5	2.0	1.0
US	4.3	0.5	2.1	0.5
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.				
Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.				

Table 10-7. Melanoma of skin cases in ACOS programs by year and sex												
<i>Percent of melanoma of skin cases that were or are treated in ACOS-approved cancer treatment programs by year and sex, RI, 1989-2000.</i>												
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	57	67	56	87	86	87	82	85	84	84	86	93
Female	55	71	72	85	78	82	79	88	84	86	88	92
Source: RICR, HEALTH.												

Table 10-8. Melanoma of skin cases with AJCC staging by year and sex												
<i>Percent of melanoma of skin cases staged with AJCC staging methodology by year and sex, RI, 1989-2000.</i>												
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	53	48	50	56	66	67	64	68	43	28	37	42
Female	60	49	50	56	58	55	55	38	40	29	33	35
Source: RICR, HEALTH.												

Table 10-9. Male melanoma of skin survival rates by race and stage				
<i>Five-year relative invasive melanoma of skin survival rates* by race and stage of disease at diagnosis among males, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	96.5	56.0	12.4	76.2
Black	85.8**	NA	NA	NA
<p>* Survival rates are relative rates expressed as percents.</p> <p>** The standard error of the survival rate is greater than 10 percentage points.</p> <p>NA Statistic could not be calculated</p> <p>Source: SEER Cancer Statistics Review, 1975-2000.</p>				

Table 10-10. Female melanoma of skin survival rates by race and stage				
<i>Five-year relative invasive melanoma of skin survival rates* by race and stage of disease at diagnosis among females, US, 1992-1999.</i>				
	Localized	Regional	Distant	Unstaged
White	97.1	67.1	16.4	85.0
Black	84.9**	NA	NA	NA
<p>* Survival rates are relative rates expressed as percents.</p> <p>** The standard error of the survival rate is between 5 and 10 percentage points.</p> <p>NA Statistic could not be calculated.</p> <p>Source: SEER Cancer Statistics Review, 1975-2000.</p>				

Oropharyngeal Cancer

Tables 11-1 and 11-2. Oropharyngeal cancer incidence by year and sex											
<i>Average annual invasive* oropharyngeal cancer incidence rates** by sex, RI and US, 1987-2001***.</i>											
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Male</i>											
RI	17.6	16.6	14.9	14.7	14.8	15.0	15.6	16.2	16.8	16.7	15.1
US	20.1	19.7	19.8	19.6	19.2	18.9	18.6	18.1	17.6	17.2	NA
<i>Female</i>											
RI	6.6	7.0	6.8	7.5	7.3	6.7	6.9	6.5	6.5	6.3	6.5
US	7.5	7.4	7.4	7.4	7.4	7.3	7.3	7.2	7.1	6.9	NA
<p>* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.</p> <p>** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.</p> <p>*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).</p> <p>Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.</p>											

Tables 11-3 and 11-4. Oropharyngeal cancer mortality by year and sex										
Average annual oropharyngeal cancer mortality rates* by sex, RI and US, 1987-2000**.										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Male</i>										
RI	7.0	7.1	6.0	5.4	5.1	4.9	4.3	4.3	4.1	3.5
US	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.7	4.5	4.4
<i>Female</i>										
RI	1.7	1.6	1.5	1.8	1.9	1.9	1.9	1.9	1.7	1.8
US	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.										
** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).										
Source: Office of Vital Records, HEALTH; SEER US Mortality 1969-2000 Data; calculated with SEER*Stat.										

Table 11-5. Oropharyngeal cancer incidence by race and sex				
Average annual invasive oropharyngeal cancer incidence rates* by race and sex, RI and US, 1987-2000.				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	16.5	20.6	6.6	7.7
US	18.4	24.7	7.3	7.0
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.				
Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.				

Table 11-6. Oropharyngeal cancer mortality by race and sex				
Average annual oropharyngeal cancer mortality rates* by race and sex, RI and US, 1987-2000.				
	----- Male -----		----- Female -----	
	White	Black	White	Black
RI	5.2	7.0	1.8	1.3
US	4.5	9.2	1.8	2.3
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.				
Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.				

Tables 11-7 and 11-8. Chronic drinking by year and sex												
Percent of respondents 18 and older who report an average of two or more alcoholic drinks per day (Chronic drinking = 14 or more drinks per week for males and 7 or more drinks per week for women) by year and sex, RI and US, 1990-2001.												
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<i>Male</i>												
RI	9.5	9.4	10.2	8.6	NA	10.0	NA	7.8	NA	7.3	NA	8.6
US	5.8	6.2	5.2	5.5	NA	5.0	NA	5.3	NA	6.4	NA	6.3
<i>Female</i>												
RI	1.5	0.9	1.5	1.5	NA	1.2	NA	1.9	NA	1.6	NA	6.6
US	0.8	0.9	0.8	0.9	NA	0.8	NA	0.8	NA	0.9	NA	3.9
Source: RI-BRFSS, HEALTH; BRFSS, CDC.												

Table 11-9. Oropharyngeal cancer cases in ACOS programs by year and sex

Percent of oropharyngeal cancer cases that were or are treated in ACOS-approved cancer treatment programs by year and sex, RI, 1989-2000.

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	60.3	62.9	63.4	80.0	81.1	85.1	85.5	83.3	77.5	77.0	79.8	92.2
Female	55.2	55.2	59.4	80.3	75.5	86.4	82.1	76.6	77.1	71.4	82.3	91.1

Source: RICR, HEALTH.

Table 11-10. Oropharyngeal cancer cases with AJCC staging by year and sex

Percent of oropharyngeal cancer cases staged with AJCC staging methodology by year and sex, RI, 1989-2000.

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Male	73	70	76	69	82	89	88	86	89	84	90	92
Female	48	61	73	71	78	83	86	90	78	78	76	85

Source: RICR, HEALTH.

Table 11-11. Male oropharyngeal cancer survival rates by race and stage

Invasive oropharyngeal cancer five-year relative survival rates by race and stage of disease at diagnosis among males, US, 1992-1999.

	Localized	Regional	Distant	Unstaged
White	82.7	50.3	25.7	44.1
Black	62.7	28.0	16.1	19.5

* Survival rates are relative rates expressed as percents.

** The standard error of the survival rate is between 5 and 10 percentage points.

Source: *SEER Cancer Statistics Review, 1975-2000.*

Table 11-12. Female oropharyngeal cancer survival rates by race and stage

Invasive oropharyngeal cancer five-year relative survival rates by race and stage of disease at diagnosis among females, US, 1992-1999.

	Localized	Regional	Distant	Unstaged
White	82.6	48.8	29.0	48.0
Black	77.7	39.1	34.9*	51.0*

* Survival rates are relative rates expressed as percents.

** The standard error of the survival rate is between 5 and 10 percentage points.

Source: *SEER Cancer Statistics Review, 1975-2000.*

Ovarian Cancer

Table 12-1. Ovarian cancer incidence by year

Average annual invasive ovarian cancer incidence rates** among females, RI and US, 1987-2001***.*

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
RI	16.5	16.3	16.3	16.5	17.5	16.6	16.2	16.1	16.3	15.4	14.5
US	17.5	17.8	17.8	17.7	17.6	17.4	17.3	17.1	17.2	16.9	NA

* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.

** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.

*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).

Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with *SEER*Stat*.

Table 12-2. Ovarian cancer mortality by year*Average annual ovarian cancer mortality rates* among females, RI and US, 1987-2000**.*

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
RI	9.5	9.2	8.8	9.2	8.7	8.3	8.3	9.0	8.8	8.8
US	9.3	9.4	9.3	9.4	9.3	9.2	9.1	9.0	8.9	8.8

* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.

** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).

Source: Office of Vital Records, HEALTH; SEER US Mortality 1969-2000 Data; calculated with SEER*Stat.

Table 12-3. Ovarian cancer incidence by race*Average annual invasive ovarian cancer incidence rates* by race among females, RI and US, 1987-2000.*

	White	Black
RI	16.4	7.8
US	18.3	12.4

* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.

Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.

Table 12-4. Ovarian cancer mortality by race*Average annual ovarian cancer mortality rates* by race among females, RI and US, 1987-2000.*

	White	Black
RI	9.1	8.4
US	9.4	7.7

* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.

Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.

Table 12-5. Ovarian cancer cases in ACOS programs by year*Percent of ovarian cancer cases that were or are treated in ACOS-approved cancer treatment programs by year among females, RI, 1989-2000.*

1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
48	42	41	51	50	50	46	45	44	79	82	93

Source: RICR, HEALTH.

Table 12-6. Ovarian cancer cases with AJCC staging by year*Percent of ovarian cancer cases staged with AJCC staging methodology by year among females, RI, 1989-2000.*

1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
73	68	77	82	87	83	83	86	90	92	77	67

Source: RICR, HEALTH.

Table 12-7. Ovarian cancer survival rates by race and stage

Five-year relative invasive ovarian cancer survival rates by race and stage of disease at diagnosis among females, US, 1992-1999.

	Localized	Regional	Distant	Unstaged
White	94.8	71.3	30.8	26.4
Black	92.5	72.0*	26.3	38.4*

* Survival rates are relative rates expressed as percents.

** The standard error of the survival rate is between 5 and 10 percentage points.

Source: SEER Cancer Statistics Review, 1975-2000.

Prostate Cancer

Table 13-1. Prostate cancer incidence by year

Average annual invasive prostate cancer incidence rates** among males, RI and US, 1987-2001***.*

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
RI	117.8	133.3	152.2	165.8	173.0	172.6	171.7	165.3	168.0	172.2	177.1
US	160.1	180.5	194.6	201.3	200.7	191.1	177.9	169.6	168.8	172.8*	NA

* Invasive includes the following stages of disease at diagnosis: local, regional, distant, and unknown.

** Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.

*** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).

Source: RICR, HEALTH – calculated with SEER*Stat; SEER Cancer Statistics Review, 1973-1999; 1998 US data is from SEER Public-Use 1973-2000 Data – calculated with SEER*Stat.

Table 13-2. Prostate cancer mortality by year

Average annual prostate cancer mortality rates among males, RI and US, 1987-2000**.*

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
RI	35.8	35.3	35.3	34.8	35.9	35.1	35.4	35.6	33.8	33.1
US	36.8	37.6	38.4	38.7	38.5	37.8	36.8	35.3	33.9	32.9*

* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.

** Rates are based on five years' data (e.g., 1989 = 1987-1991; 1998 = 1996-2000).

Source: CDC WONDER, CDC;

1998 US data is from SEER US Mortality 1969-2000 Data – calculated with SEER*Stat.

Table 13-3. Prostate cancer incidence by race

Average annual invasive prostate cancer incidence rates by race among males, RI and US, 1987-2000.*

	White	Black
RI	155.9	206.0
US	172.3	267.6

* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.

Source: RICR, HEALTH; SEER Public-Use 1973-2000 Data; calculated with SEER*Stat.

Table 13-4. Prostate cancer mortality by race		
<i>Average annual prostate cancer mortality rates* by race among males, RI and US, 1987-2000.</i>		
	White	Black
RI	34.3	77.9
US	33.2	75.2
* Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population. Source: RICR, HEALTH; SEER US Mortality 1969-2000 data; calculated with SEER*Stat.		

Table 13-6. Prostate cancer cases in ACOS programs by year											
<i>Percent of prostate cancer cases that were or are treated in ACOS-approved cancer treatment programs by year among males, RI, 1989-2000.</i>											
1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
64	56	57	78	79	78	79	80	78	78	74	88
Source: RICR, HEALTH.											

Table 13-7. Prostate cancer cases with AJCC staging by year											
<i>Percent of prostate cancer cases staged with AJCC staging methodology by year among males, RI, 1989-2000.</i>											
1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
51	53	52	54	66	63	73	71	69	71	73	73
Source: RICR, HEALTH.											

Table 13-8. Prostate cancer survival rates by race and stage			
<i>Five-year relative invasive prostate cancer survival rates* by race and stage at diagnosis among males, US, 1992-1999.</i>			
	Local/Regional	Distant	Unstaged
White	100.0	33.3	89.0
Black	100.0	30.4	85.5
* Survival rates are relative rates expressed as percents. Source: SEER Cancer Statistics Review, 1975-2000.			

Special Studies: Cancer Rates Among Rhode Island Hispanics

Table 14-1. Hispanic male cancer cases by data source and year										
<i>Annual number of newly diagnosed cancers by data source and year among resident Hispanic males, RI 1989-1998.</i>										
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Either Source	41	41	44	56	39	40	54	55	61	76
Surname Analysis	30	35	36	51	34	31	46	40	46	51
Cancer Registry	21	16	20	10	14	17	18	28	36	44
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population. Source: RICR, HEALTH; surname analysis technique from Word.										

Table 14-2. Hispanic and all resident cancer rates by year and sex				
<i>Average annual cancer rates* for all cancers combined by year and sex among Hispanics and all residents, RI, 1989-1998.</i>				
Type of Rate	Sex	Time Period	Hispanics	All Residents
--- Age-Adjusted Rate ---				
Incidence	Male	1994-1998	506.5	589.5
Incidence	Male	1989-1993	535.5	634.0
Mortality	Female	1994-1998	143.3	184.4
Mortality	Female	1989-1993	125.6	181.1
Mortality	Male	1994-1998	240.3	295.4
Mortality	Male	1989-1993	180.8	282.3
<p>* Rates are age-adjusted to the year 2000 US standard population, expressed as cases/deaths per 100,000 population.</p> <p>Source: RICR, HEALTH; Office of Vital Records, HEALTH; surname analysis technique from Word.</p>				

Table 14-3. Hispanic and all resident male cancer cases by site		
<i>Average annual percentage of all newly diagnosed cancers by anatomic site among Hispanic males and all resident males, RI, 1994-1998.</i>		
Anatomic Site	Hispanic Males	All Resident Males
-- Percentage of Newly Diagnosed Cancers --		
Prostate	24.8	26.9
Lung & Bronchus	12.6	17.3
Colon & Rectum	9.7	12.1
Leukemias	7.3	2.7
Stomach	7.0	2.4
Lymphomas	5.6	4.7
Urinary Bladder	2.1	7.9
Liver	4.2	0.9
Pancreas	1.7	2.2
Brain	2.8	1.4
Source: RICR, HEALTH; surname analysis technique from Word.		

Special Studies: Cancer Mortality in Rhode Island, an Old Urban State

Table 14-4. Cancer mortality for all cancer combined by sex and decade			
<i>Cancer mortality rates* for all cancers combined by sex and decade, RI and US, 1970-1999.</i>			
	1970-1979	1980-1989	1990-1999
RI Male	236.6	234.6	220.8
US Male	204.3	212.0	204.0
RI Female	144.0	145.4	147.4
US Female	131.1	137.0	138.0
<p>* Rates are age-adjusted to the year 1970 US standard population, expressed as deaths per 100,000 population.</p> <p>Source: SEER US Mortality 1969-2000 Data; SEER web query system.</p>			

Table 14-5. Percent elevation in white male cancer mortality by cancer site group and decade

Percent elevation in cancer mortality rates by cancer site group and decade among white males, RI relative to the US, 1970-1999.*

	All	Tobacco Related	Diet Related	All Other
1970-1979	16	18	28	3
1980-1989	11	10	22	2
1990-1999	8	10	14	2

* Rates are age-adjusted to the year 1970 US standard population, expressed as deaths per 100,000 population.
Source: SEER US Mortality 1969-2000 Data; SEER web query system.

Table 14-6. Percent elevation in white female cancer mortality by cancer site group and decade

Percent elevation in cancer mortality rates by cancer site group and decade among white females, RI relative to the US, 1970-1999.*

	All	Tobacco Related	Diet Related	All Other
1970-1979	10	1	25	0
1980-1989	6	3	16	0
1990-1999	7	6	13	2

* Rates are age-adjusted to the year 1970 US standard population, expressed as deaths per 100,000 population.
Source: SEER US Mortality 1969-2000 Data; SEER web query system.

Special Studies: Cancer Incidence in Rhode Island Cities and Towns

Table 14-7. Statewide and municipal cancer incidence rates by site and sex								
Average annual statewide and municipal cancer incidence rates* by anatomical site and sex, RI, 1987-2000.								
	----- Males -----				----- Females -----			
Municipality	Colon	Lung	Prostate	All**	Colon	Lung	Breast	All**
Rhode Island	82.6	105.8	153.0	601.4	56.4	54.3	130.6	435.7
Barrington	81.1	87.9	173.3	581.4	49.8	42.1	146.4	436.5
Bristol	79.3	101.0	143.5	576.6	49.2	36.5	129.7	375.7
Burrillville	89.9	110.9	146.1	556.4	61.2	42.8	113.6	383.8
Central Falls	83.3	147.5	117.4	621.4	55.0	59.0	101.7	398.4
Charlestown	51.9	82.8	224.7	629.9	46.8	75.5	138.9	472.3
Coventry	85.2	124.3	149.7	607.0	61.6	52.9	134.3	445.5
Cranston	86.1	100.6	142.1	592.1	56.5	52.3	135.1	431.0
Cumberland	76.9	81.9	161.1	545.6	66.0	42.5	135.2	429.2
East Greenwich	90.6	105.8	240.4	726.1	68.7	42.3	175.2	508.5
East Providence	82.8	109.1	146.5	591.7	62.1	49.8	127.1	438.6
Exeter	51.0	98.0	125.3	449.0	52.1	51.5	120.7	427.8
Foster	57.2	86.6	175.0	590.6	40.8	71.0	163.5	454.3
Glocester	43.2	73.6	129.1	449.3	44.1	52.6	96.8	354.8
Hopkinton	102.5	100.7	176.9	669.3	61.5	62.6	151.3	512.4
Jamestown	45.8	80.2	196.3	623.6	58.9	66.0	152.4	476.3
Johnston	85.4	113.6	140.0	604.2	58.5	56.0	147.1	468.6
Lincoln	79.2	90.1	150.1	567.5	49.2	36.3	114.9	365.0
Little Compton	65.2	108.1	169.5	587.2	29.2	39.7	141.1	422.0
Middletown	70.6	111.7	236.1	693.8	58.3	70.2	146.4	472.2
Narragansett	77.1	84.9	198.2	579.0	68.7	54.6	130.6	457.6
New Shoreham	20.8	81.9	188.3	636.6	0.0	60.4	174.3	394.0
Newport	76.4	107.3	247.6	716.6	58.3	72.4	139.9	480.9
North Kingstown	96.4	102.2	207.8	706.0	50.9	61.9	139.1	470.7
North Providence	89.4	103.0	124.9	594.2	51.1	56.1	131.8	425.0
North Smithfield	72.7	77.5	118.4	523.7	64.6	45.0	115.8	431.0
Pawtucket	94.5	113.1	130.8	605.0	55.7	52.7	123.2	428.1
Portsmouth	87.4	97.1	202.3	598.5	63.1	62.4	153.1	468.0
Providence	72.2	111.6	136.7	588.7	53.2	56.7	123.2	435.5
Richmond	89.6	102.0	178.5	671.3	47.9	64.4	75.2	331.8
Scituate	66.2	125.2	176.7	602.1	51.6	42.1	167.3	438.1
Smithfield	74.2	93.9	151.8	581.3	54.4	59.5	130.0	435.3
South Kingstown	67.9	99.5	187.0	608.0	56.0	57.0	149.4	447.6
Tiverton	76.1	84.0	149.4	531.3	49.2	46.3	104.1	377.2
Warren	82.1	98.7	137.5	575.7	53.4	59.1	130.6	427.0
Warwick	89.8	114.1	156.8	637.9	57.8	65.1	133.7	460.8
West Greenwich	91.2	137.3	182.0	637.6	46.6	93.6	109.5	475.5
West Warwick	103.8	125.3	144.1	649.9	57.1	59.7	123.3	440.5
Westerly	78.5	89.7	174.0	625.1	61.1	46.8	127.3	433.7
Woonsocket	102.6	121.0	125.5	608.7	59.1	53.0	119.2	425.0
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.								
** All cancers combined								
Source: RICR, HEALTH.								

Table 14-8. Statewide cancer incidence rates and standard deviations of municipal rates by site and sex						
<i>Average annual statewide cancer incidence rates* and standard deviations of municipal rates by anatomical site and sex, RI, 1987-2000.</i>						
	----- Males -----			----- Females -----		
Site	Statewide Rate*	Standard Deviation	SD as # of State Rate	Statewide Rate	Standard Deviation	SD as # of State Rate
Colon	82.6	17.5	21.1%	56.4	11.8	20.8%
Lung	105.8	16.7	15.8%	54.3	11.8	21.8%
Prostate	153.0	34.6	22.6%	--	--	--
Breast	--	--	--	130.6	20.8	15.9%
All**	601.4	59.2	9.8%	435.7	39.8	9.1%
* Rates are age-adjusted to the year 2000 US standard population, expressed as cases per 100,000 population.						
** All cancers combined						
Source: RICR, HEALTH.						

Table 14-9. Statewide and municipal cancer cases by site and sex

Average annual statewide and municipal cases of diagnosed cancer by anatomical site and sex, RI, 1987-2000.

Municipality	----- Males -----				----- Females -----			
	Colon	Lung	Prostate	All*	Colon	Lung	Breast	All*
Rhode Island	5132	6820	9849	38346	5420	4793	10881	37981
Barrington	88	95	185	623	68	59	196	587
Bristol	122	167	244	936	108	74	231	720
Burrillville	75	94	120	473	80	49	128	454
Central Falls	76	137	106	576	93	84	144	579
Charlestown	24	41	110	305	26	44	75	256
Coventry	151	232	274	1121	163	136	336	1132
Cranston	472	561	814	3291	491	396	979	3280
Cumberland	149	171	322	1086	191	121	353	1157
East Greenwich	67	76	173	535	71	42	177	517
East Providence	296	404	543	2125	376	266	626	2302
Exeter	13	28	33	131	18	18	41	148
Foster	13	19	42	141	12	18	48	129
Glocester	20	41	56	217	23	29	61	208
Hopkinton	37	42	66	262	31	31	75	255
Jamestown	14	30	73	216	26	29	66	205
Johnston	166	229	285	1195	176	149	372	1248
Lincoln	109	131	218	803	102	72	198	672
Little Compton	18	28	48	159	10	14	43	132
Middletown	68	113	236	702	96	101	201	680
Narragansett	66	75	174	517	73	62	139	496
New Shoreham	2	6	14	45	0	6	13	31
Newport	111	158	361	1064	141	161	285	1043
North Kingstown	127	143	281	972	96	116	260	882
North Providence	220	259	317	1458	196	195	429	1440
North Smithfield	56	60	93	406	79	46	114	453
Pawtucket	427	518	607	2760	406	353	761	2777
Portsmouth	83	105	200	611	81	83	199	609
Providence	585	911	1127	4860	717	668	1394	5238
Richmond	23	30	47	177	14	17	27	107
Scituate	42	78	111	382	37	31	122	318
Smithfield	87	112	178	687	105	99	203	728
South Kingstown	90	135	252	820	105	97	253	781
Tiverton	82	89	158	563	64	61	133	481
Warren	66	82	116	474	68	67	138	477
Warwick	515	698	949	3788	518	549	1058	3775
West Greenwich	16	25	32	123	8	19	31	112
West Warwick	170	233	258	1144	145	144	281	1053
Westerly	120	139	281	976	141	96	239	876
Woonsocket	266	325	345	1622	265	191	452	1643

* All cancers combined

Source: RICR, HEALTH.

Special Studies: Cancer Mortality in Rhode Island Cities and Towns

Table 14-10. Statewide and municipal cancer mortality rates with standard errors and 95% confidence limits by sex
Average annual statewide and municipal cancer mortality rates* with standard errors and 95% confidence limit by sex, RI, 1987-2000.

	----- Males -----					----- Females -----					
Municipality	Mx Rt	Std Err	Low CL	Hi CL	Sig .05	Mx Rt	Std Err	Low CL	Hi CL	Sig .05	
	(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)	
[United States]*	268.0	0.1	267.7	268.3	(NA)	171.7	0.1	171.5	171.9	(NA)	
[New England]*	273.2	0.6	272.0	274.4	(NA)	179.5	0.4	178.8	180.3	(NA)	
Rhode Island	284.3	4.3	275.9	292.7	(NA)	181.4	2.8	175.9	186.9	(NA)	
Barrington	284.1	34.8	215.9	352.3	Low	172.4	22.2	128.9	215.9	Low	
Bristol	264.2	26.0	213.2	315.2		<u>138.2</u>	<u>16.3</u>	<u>106.3</u>	<u>170.1</u>		
Burrillville	285.4	36.5	213.9	356.9		153.7	22.6	109.4	198.0		
Central Falls	335.1	37.8	261.0	409.2		171.3	21.4	129.4	213.2		
Charlestown	239.6	46.4	148.7	330.5		192.0	36.9	119.7	264.3		
Coventry	290.3	26.6	238.2	342.4		180.3	16.4	148.2	212.4		
Cranston	278.1	14.3	250.1	306.1		177.5	9.4	159.1	195.9		
Cumberland	256.4	24.3	208.8	304.0		166.5	15.2	136.7	196.3		
East Greenwich	<u>197.3</u>	<u>33.5</u>	<u>131.6</u>	<u>263.0</u>		<u>136.6</u>	<u>22.8</u>	<u>91.9</u>	<u>181.3</u>		Low
East Providence	291.4	17.9	256.3	326.5		188.8	11.8	165.7	211.9		
Exeter	289.6	67.6	157.1	422.1		199.0	48.3	104.3	293.7		
Foster	208.7	64.4	82.5	334.9		181.0	51.0	81.0	281.0		
Glocester	235.4	48.2	140.9	329.9		208.1	38.1	133.4	282.8		
Hopkinton	296.8	56.5	186.1	407.5		186.8	39.5	109.4	264.2		
Jamestown	270.7	62.4	148.4	393.0		224.2	44.9	136.2	312.2		
Johnston	288.9	24.3	241.3	336.5		176.9	15.9	145.7	208.1		
Lincoln	267.1	27.6	213.0	321.2		149.2	17.3	115.3	183.1		
Little Compton	288.5	68.1	155.0	422.0		161.8	44.9	73.8	249.8		
Middletown	278.8	33.2	213.7	343.9		195.3	22.9	150.4	240.2		
Narragansett	267.7	37.1	195.0	340.4		193.5	26.2	142.1	244.9		
New Shoreham	382.0	183.2	22.9	741.1		246.5	107.7	35.4	457.6		
Newport	290.1	28.0	235.2	345.0	195.0	18.5	158.7	231.3			
North Kingstown	308.7	31.6	246.8	370.6	183.8	19.3	146.0	221.6			
North Providence	293.2	22.2	249.7	336.7	182.8	14.4	154.6	211.0			
North Smithfield	244.2	34.9	175.8	312.6	174.9	25.1	125.7	224.1			
Pawtucket	297.7	16.3	265.8	329.6	183.2	10.4	162.8	203.6			
Portsmouth	253.3	35.0	184.7	321.9	163.5	21.9	120.6	206.4			
Providence	299.7	12.0	276.2	323.2	192.3	7.8	177.0	207.6			
Richmond	328.1	87.4	156.8	499.4	225.2	59.4	108.8	341.6			
Scituate	258.8	43.3	173.9	343.7	174.4	30.5	114.6	234.2			
Smithfield	256.9	29.1	199.9	313.9	189.5	21.0	148.3	230.7			
South Kingstown	255.7	28.2	200.4	311.0	153.9	18.1	118.4	189.4			
Tiverton	284.6	34.9	216.2	353.0	160.6	21.6	118.3	202.9			
Warren	253.1	34.6	185.3	320.9	188.8	25.5	138.8	238.8			
Warwick	301.3	14.5	272.9	329.7	<u>202.8</u>	<u>9.7</u>	<u>183.8</u>	<u>221.8</u>	High		
West Greenwich	282.8	100.4	86.0	479.6	220.1	68.5	85.8	354.4			
West Warwick	306.3	28.0	251.4	361.2	190.3	17.4	156.2	224.4			
Westerly	249.2	25.5	199.2	299.2	180.9	18.4	144.8	217.0			
Woonsocket	<u>338.2</u>	<u>22.6</u>	<u>293.9</u>	<u>382.5</u>	High	178.7	13.5	152.2	205.2		
(1)	Rates are age-adjusted to the year 2000 US standard population, expressed as deaths per 100,000 population.										
(2)	Standard error of proportion for the age-adjusted rate										
(3)	1.96 S.E. lower confidence limit										
(4)	1.96 S.E. higher confidence limit										
(5)	Indication of significant difference from the Rhode Island state rate, P < 0.05										
(NA)	Not Applicable										
*	Rates for US and New England from SEER US Mortality 1969-2000 Data, calculated with SEER*Stat*										
Source:	Office of Vital Records, HEALTH.										